BALTIMORE COUNTY HIV/AIDS EPIDEMIOLOGICAL PROFILE

Fourth Quarter 2007 - Data reported throuh December 31, 2007

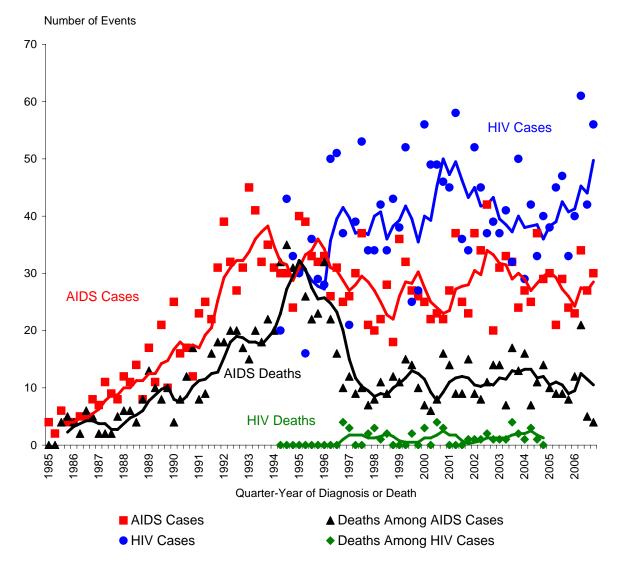
AIDS Administration Maryland Department of Health and Mental Hygiene www.dhmh.state.md.us/AIDS/ 1-800-358-9001

SPECIAL NOTE ON HIV REPORTING

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV reporting and required that HIV cases be reported by name. The reporting period presented in this report includes the first months of the new reporting, however, most of the tables and figures are unaffected by this change. Section IX has been modified to include the changes and future reports will have additional modifications. For additional information on HIV reporting please visit the AIDS Administration web site at the above address.

Section I - Baltimore County HIV and AIDS Case Trends

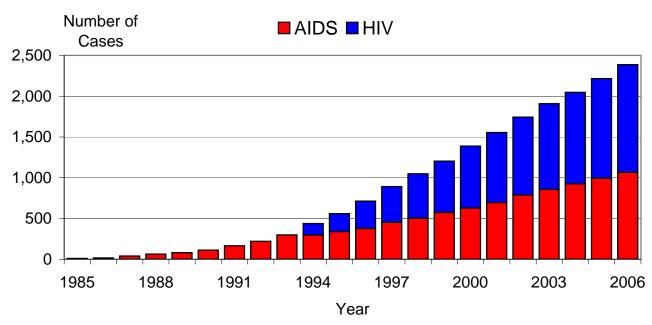
Incident (Newly Diagnosed) HIV and AIDS Cases and Deaths among HIV and AIDS Cases by Quarter-Year through Fourth Quarter 2006 as Reported through 12/31/07



HIV case reporting began in June of 1994. Trend lines are weighted moving averages (over 4 quarters).

Section II - Baltimore County HIV and AIDS Case Prevalence Trends

Prevalent (Living) HIV and AIDS Cases on December 31st of Each Year as Reported through 12/31/07



YEAR	HIV	AIDS	Total HIV/AIDS
1985		10	10
1986		15	15
1987		39	39
1988		62	62
1989		80	80
1990		111	111
1991		164	164
1992		220	220
1993		298	298
1994	142	296	438
1995	220	339	559
1996	337	376	713
1997	437	453	890
1998	546	502	1,048
1999	629	573	1,202
2000	760	628	1,388
2001	859	695	1,554
2002	957	786	1,743
2003	1,052	855	1,907
2004	1,122	925	2,047
2005	1,222	993	2,215
2006	1,322	1,065	2,387

Prevalent cases are alive on December 31st of the given year. HIV case reporting began in 1994.

Section III - Baltimore County HIV and AIDS Case Geography

Incidence (Newly Diagnosed Cases) during 1/1/06-12/31/06 and Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

	Incidence				Prevalence						
	<u>н</u>	<u>IV</u>	<u>A</u>	<u>IDS</u>	<u>н</u>	<u>IV</u>	<u>AI</u>	<u>DS</u>	Total HI	V/AIDS	
ZIP CODE	No.	%	No.	%	No.	%	No.	%	No.	%	
21013	0	0.0%	1	0.9%	2	0.2%	0	0.0%	2	0.1%	
21030	1	0.6%	4	3.6%	18	1.5%	26	2.5%	44	1.9%	
21031	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21043	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21051	0	0.0%	0	0.0%	1	0.1%	0	0.0%	1	0.0%	
21052	0	0.0%	0	0.0%	8	0.7%	0	0.0%	8	0.4%	
21053	0	0.0%	0	0.0%	1	0.1%	3	0.3%	4	0.2%	
21057 21071	0	0.0% 0.0%	0 0	0.0%	0	0.1% 0.0%	0 0	0.0% 0.0%	1 0	0.0% 0.0%	
21071	0	0.0%	0	0.0% 0.0%	0	0.0%	0	0.0%	0	0.0%	
21074	0	0.0%	1	0.0%	0	0.0%	1	0.0%	1	0.0%	
21085	0	0.0%	Ó	0.9%	0	0.0%	0	0.1%	0	0.0%	
21087	0	0.0%	0	0.0%	1	0.0%	2	0.2%	3	0.0%	
21093	ő	0.0%	3	2.7%	4	0.3%	16	1.5%	20	0.9%	
21102	ő	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21104	ő	0.0%	Ö	0.0%	ő	0.0%	0	0.0%	0	0.0%	
21105	ő	0.0%	Ö	0.0%	ő	0.0%	0	0.0%	0	0.0%	
21111	1	0.6%	0	0.0%	3	0.2%	1	0.1%	4	0.2%	
21117	14	8.2%	3	2.7%	69	5.7%	57	5.4%	126	5.6%	
21120	0	0.0%	1	0.9%	0	0.0%	1	0.1%	1	0.0%	
21128	0	0.0%	0	0.0%	3	0.2%	1	0.1%	4	0.2%	
21131	1	0.6%	1	0.9%	2	0.2%	4	0.4%	6	0.3%	
21133	10	5.9%	7	6.4%	76	6.3%	89	8.5%	165	7.3%	
21136	3	1.8%	2	1.8%	25	2.1%	20	1.9%	45	2.0%	
21152	0	0.0%	0	0.0%	1	0.1%	4	0.4%	5	0.2%	
21155	0	0.0%	0	0.0%	1	0.1%	0	0.0%	1	0.0%	
21156	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21161	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21162	0	0.0%	0	0.0%	1	0.1%	1	0.1%	2	0.1%	
21163	0	0.0%	0	0.0%	1	0.1%	1	0.1%	2	0.1%	
21204	6	3.5%	2	1.8%	53	4.4%	18	1.7%	71	3.1%	
21206	2	1.2%	0	0.0%	13	1.1%	7	0.7%	20	0.9%	
21207	13	7.6%	12	10.9%	145	12.0%	111	10.5%	256	11.3%	
21208	5 3	2.9% 1.8%	5	4.5%	57 13	4.7% 1.1%	63 9	6.0% 0.9%	120 22	5.3% 1.0%	
21209 21210	0	0.0%	0 0	0.0% 0.0%	0	0.0%	0	0.9%	0	0.0%	
21212	0	0.0%	0	0.0%	3	0.0%	2	0.0%	5	0.0%	
21215	0	0.0%	0	0.0%	1	0.1%	0	0.2%	1	0.2%	
21219	1	0.6%	0	0.0%	14	1.2%	14	1.3%	28	1.2%	
21220	7	4.1%	10	9.1%	48	4.0%	45	4.3%	93	4.1%	
21221	21	12.4%	11	10.0%	107	8.9%	86	8.2%	193	8.6%	
21222	19	11.2%	10	9.1%	105	8.7%	97	9.2%	202	8.9%	
21224	1	0.6%	0	0.0%	11	0.9%	8	0.8%	19	0.8%	
21227	4	2.4%	7	6.4%	51	4.2%	51	4.8%	102	4.5%	
21228	5	2.9%	2	1.8%	60	5.0%	67	6.4%	127	5.6%	
21229	1	0.6%	0	0.0%	8	0.7%	8	0.8%	16	0.7%	
21234	11	6.5%	9	8.2%	85	7.1%	75	7.1%	160	7.1%	
21236	10	5.9%	6	5.5%	22	1.8%	22	2.1%	44	1.9%	
21237	11	6.5%	4	3.6%	47	3.9%	34	3.2%	81	3.6%	
21239	1	0.6%	0	0.0%	3	0.2%	1	0.1%	4	0.2%	
21244	18	10.6%	7	6.4%	127	10.5%	95	9.0%	222	9.8%	
21286	1	0.6%	2	1.8%	13	1.1%	13	1.2%	26	1.2%	
Missing ZIP*	28		4		118		12		130		
Baltimore County	198	100.0%	114	100.0%	1322	100.0%	1065	100.0%	2387	100.0%	

Incident cases were cases newly diagnosed during the 12 month period.

Prevalent cases were alive on 12/31/06.

HIV case reporting began in 1994.

For cases reported 1/1/07 through 12/31/07, the median time from diagnosis to report was one month for HIV cases and four months for AIDS cases.

^{*} Cases with missing ZIP were excluded from percent distributions.

Section IV - Baltimore County HIV and AIDS Case Demographics

Incidence (Newly Diagnosed Cases) during 1/1/06-12/31/06 and Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

	Incidence			Prevalence							
	<u>H</u>	<u>IIV</u>	<u>AI</u>	<u>DS</u>		<u>HI</u>	<u>v</u>	<u> </u>	AIDS	Total F	IIV/AIDS
GENDER	No.	%	No.	%	N	0.	%	No.	%	No.	%
Male	124	63.3%	71	62.3%		824	62.6%	714	67.0%	1538	64.6%
Female	72	36.7%	43	37.7%		493	37.4%	351	33.0%	844	35.4%
Missing*	2					5				5	
TOTAL	198	100.0%	114	100.0%		1322	100.0%	1065	100.0%	2387	100.0%

	Incidence				Prevalence						
	HIV AIDS		<u> </u>	<u>HIV</u>		<u>AIDS</u>		Total HIV/AIDS			
RACE/ETHNICITY	No.	%	No.	%	No.		%	No.	%	No.	%
White	53	38.1%	35	30.7%	24	7	25.3%	350	32.9%	597	10.1%
African-American	84	60.4%	75	65.8%	69	5	71.3%	678	63.7%	1373	67.3%
Hispanic	1	0.7%	4	3.5%	1	5	1.5%	27	2.5%	42	2.1%
Other	1	0.7%	0	0.0%	1	8	1.8%	10	0.9%	28	1.4%
Missing*	59				34	7				347	
TOTAL	198	100.0%	114	100.0%	132	2	100.0%	1065	100.0%	2387	100.0%

	Incidence			Prevalence						
	HIV AIDS		<u>HI</u>	HIV			Total HIV/AIDS			
AGE**	No.	%	No.	%	No.	%	No.	%	No.	%
<5 (Pediatric)	1	0.5%	0	0.0%	2	0.2%	0	0.0%	2	0.1%
5-12 (Pediatric)	0	0.0%	0	0.0%	7	0.5%	0	0.0%	7	0.8%
13-19	8	4.0%	2	1.5%	23	1.7%	7	0.7%	30	1.3%
20-29	44	22.2%	12	10.5%	156	11.8%	46	4.3%	202	8.5%
30-39	48	24.2%	33	28.9%	306	23.1%	224	21.0%	530	23.5%
40-49	62	31.3%	47	41.2%	463	35.0%	462	43.4%	925	38.8%
50-59	26	13.1%	16	14.0%	275	20.8%	258	24.2%	533	22.3%
60+	9	4.5%	4	3.5%	90	6.8%	68	6.4%	158	6.6%
TOTAL	198	100.0%	114	100.0%	1322	100.0%	1065	100.0%	2387	100.0%

Incident cases were cases newly diagnosed during the 12 month period.

Prevalent cases were alive on 12/31/06.

HIV case reporting began in 1994.

^{*} Cases with missing race or gender were excluded from percent distributions.

^{**} For incident cases, age was at time of diagnosis. For prevalent cases, age was as of 12/31/06.

Section V - Baltimore County HIV/AIDS Case Expanded Demographics

Total HIV/AIDS Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

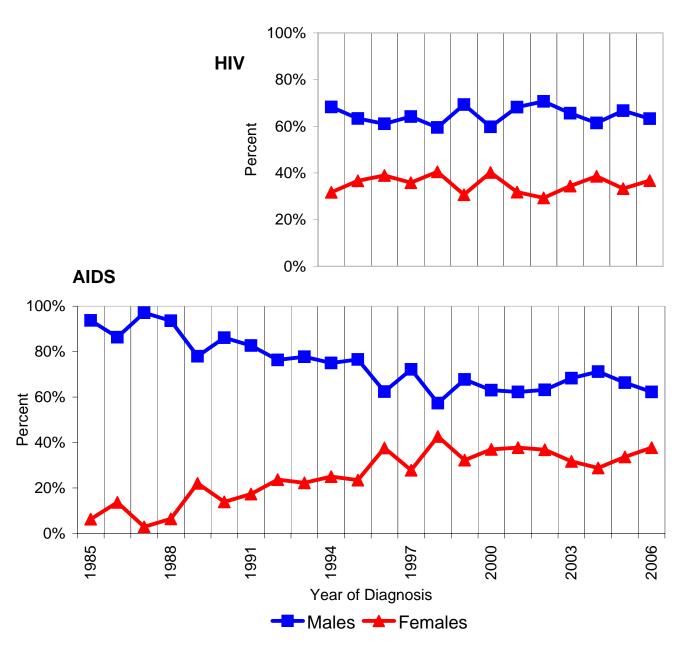
RACE/ETHNICITY

OENDED/AGE	140 *4.	African-	041	Missing Race/	T .4.	
GENDER/AGE	<u>White</u>	<u>American</u>	<u>Other</u>	<u>Ethnicity</u>	<u>Tota</u>	<u>ai</u>
	No.	No.	No.	No.	No.	%
<u>Male</u>						
<5 (Pediatric)	0	0	0	1	1	0.1%
5-12 (Pediatric)	0	3	0	2	5	0.6%
13-19	0	10	0	6	16	1.0%
20-29	26	80	1	15	122	7.9%
30-39	69	160	13	47	289	18.8%
40-49	189	344	16	64	613	39.9%
50-59	113	196	22	46	377	24.5%
60+	35	54	1	25	115	6.1%
SUBTOTAL	432	847	53	206	1538	100.0%
<u>Female</u>						
<5 (Pediatric)	0	1	0	0	1	0.1%
5-12 (Pediatric)	0	0	0	2	2	1.2%
13-19	4	7	0	2	13	1.5%
20-29	12	49	4	14	79	9.4%
30-39	63	127	7	44	241	28.6%
40-49	52	207	4	46	309	36.6%
50-59	25	108	2	21	156	18.5%
60+	9	26	0	8	43	5.1%
SUBTOTAL	165	525	17	137	844	100.0%
Missing Gender	0	1	0	4	5	
TOTAL	597	1373	70	347	2387	

Prevalent cases were alive on 12/31/06. HIV case reporting began in 1994. Age was as of 12/31/06.

Section VI - Baltimore County HIV and AIDS Case Gender Trends

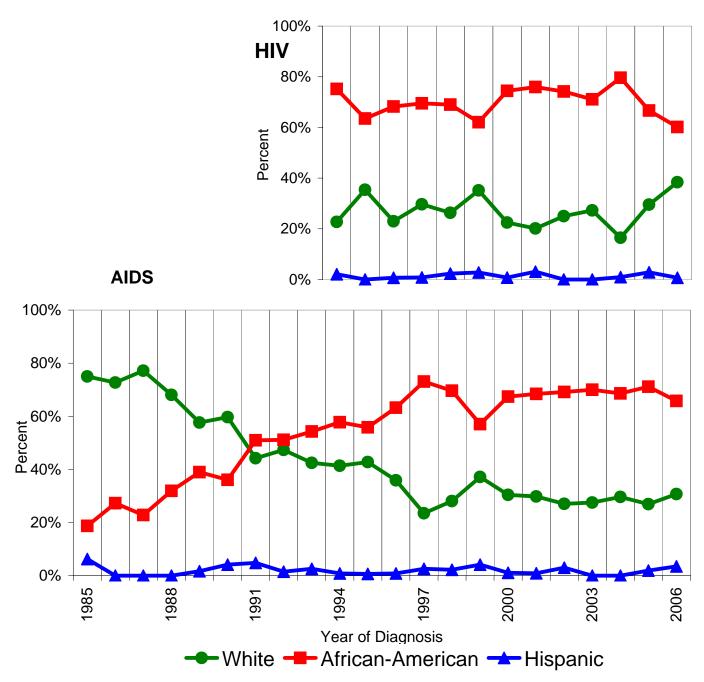
Proportions by Gender of Incident (Newly Diagnosed) Cases during each Calendar Year as Reported through 12/31/07



Percent distributions excluded cases with missing gender. HIV case reporting began in 1994.

Section VII - Baltimore County HIV and AIDS Case Race/Ethnicity Trends

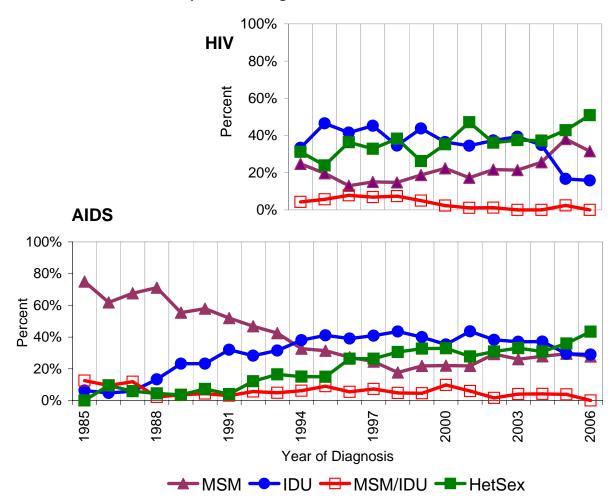
Proportions by Race/Ethnicity of Incident (Newly Diagnosed) Cases during each Calendar Year as Reported through 12/31/07



Percent distributions excluded cases with missing race/ethnicity. HIV case reporting began in 1994.

Section VIII - Baltimore County AIDS Case Exposure Category Trends

Proportions by Exposure Category of Incident (Newly Diagnosed) AIDS Cases during each Calendar Year as Reported through 12/31/07



Other exposure categories (not shown) that accounted for small percentages of cases included hemophiliacs, transfusion recipients, pediatric transmissions and occupational exposures.

Percent distributions excluded cases with exposure category under investigation and risk not specified.

Baltimore County data currently have exposure on 44% of HIV cases and 91% of AIDS cases.

HIV case reporting began in 1994.

MSM = Men who have sex with men

IDU = Injection drug users

MSM/IDU = Men who have sex with men and are injection drug users

HetSex = Heterosexual contact

Section IX - Baltimore County HIV and AIDS Case Reports by ZIP Code

Cumulative Events Reported through 12/31/07

	ſ	HIV Cases			AIDS	Cases	AIDS Deaths		
		Code AIDS	by N	lame					
		ulative	Since	4/24/07	Cum	<u>ulative</u>	Cumi	ulative	
ZIP CODE	No.	%	No.	%	No.	%	No.	%	
21013	2	0.2%	0	0.0%	2	0.1%	2	0.2%	
21030	18	1.4%	2	1.0%	48	2.2%	21	1.9%	
21031	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21043	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21051	0	0.0%	0	0.0%	1	0.0%	0	0.0%	
21052	9	0.7%	0	0.0%	2	0.1%	2	0.2%	
21053 21057	1	0.1% 0.1%	0	0.5% 0.0%	4	0.1% 0.2%	4	0.0% 0.4%	
21071	0	0.1%	0	0.0%	1	0.2%	1	0.4%	
21071	0	0.0%	0	0.0%	0	0.0%	0	0.1%	
21082	0	0.0%	0	0.0%	1	0.0%	0	0.0%	
21085	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21087	1	0.1%	0	0.0%	7	0.3%	5	0.5%	
21093	5	0.4%	1	0.5%	46	2.1%	30	2.7%	
21102	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21104	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21105	0	0.0%	0	0.0%	1	0.0%	1	0.1%	
21111	3	0.2%	0	0.0%	4	0.2%	3	0.3%	
21117	70	5.3%	7	3.6%	107	4.9%	48	4.4%	
21120	0	0.0%	0	0.0%	5	0.2%	4	0.4%	
21128	3	0.2%	0	0.0%	4	0.2%	2	0.2%	
21131	4	0.3%	2	1.0%	7	0.3%	3	0.3%	
21133	83	6.3%	13	6.7%	187	8.6%	91	8.3%	
21136 21152	30	2.3% 0.1%	6 1	3.1% 0.5%	52 7	2.4% 0.3%	31 3	2.8% 0.3%	
21155	1	0.1%	Ó	0.0%	4	0.3%	4	0.3%	
21156	2	0.1%	0	0.0%	0	0.2%	0	0.4%	
21161	0	0.0%	0	0.0%	2	0.1%	2	0.2%	
21162	1	0.1%	1	0.5%	3	0.1%	2	0.2%	
21163	1	0.1%	0	0.0%	1	0.0%	0	0.0%	
21204	55	4.1%	2	1.0%	54	2.5%	36	3.3%	
21206	14	1.1%	0	0.0%	18	0.8%	11	1.0%	
21207	154	11.6%	14	7.3%	286	13.1%	171	15.7%	
21208	67	5.0%	15	7.8%	107	4.9%	42	3.8%	
21209	16	1.2%	0	0.0%	21	1.0%	12	1.1%	
21210	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
21212	3	0.2%	0	0.0%	5	0.2%	3	0.3%	
21215	1	0.1%	0	0.0%	2	0.1%	2	0.2%	
21219	14 55	1.1%	2 13	1.0%	27	1.2%	13	1.2%	
21220 21221	115	4.1% 8.7%	14	6.7% 7.3%	91 181	4.2% 8.3%	45 92	4.1% 8.4%	
21221	119	9.0%	20	10.4%	198	9.1%	101	9.3%	
21224	12	0.9%	0	0.0%	13	0.6%	5	0.5%	
21227	56	4.2%	11	5.7%	98	4.5%	46	4.2%	
21228	61	4.6%	11	5.7%	138	6.3%	70	6.4%	
21229	9		0	0.0%	15		7	0.6%	
21234	93	7.0%	19	9.8%	140	6.4%	60	5.5%	
21236	28	2.1%	5	2.6%	45	2.1%	22	2.0%	
21237	54	4.1%	13	6.7%	77	3.5%	37	3.4%	
21239	3	0.2%	0	0.0%	6	0.3%	5	0.5%	
21244	146	11.0%	18	9.3%	141	6.5%	46	4.2%	
21286	17	1.3%	2	1.0%	19	0.9%	6	0.5%	
Missing ZIP*	129		0		17		5		
altimore County	1457	100.0%	193	100.0%	2198	100.0%	1096	100.0%	

Laboratory reporting of HIV cases by code existed from June 1, 1994 to April 24, 2007. Provider and laboratory reporting of HIV cases by name has existed since April 24, 2007.

Maryland is re-reporting code HIV cases by name, therefore, the same person may appear as a code HIV case and as a name HIV case.

HIV cases reported by name since 4/24/07 may also have been reported as AIDS cases.

Non-AIDS cumulative HIV cases included all HIV cases reported through the end of the period, that had not been reported as AIDS cases by the end of the period.

AIDS deaths included all causes of death.

The median time from diagnosis to report was one month for cumulative non-AIDS HIV code cases, 13 months for HIV name cases, and four months for cumulative AIDS cases.